BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Construction of Culverts best county-II and surrounding areas in Ward No. 03, Attur.

								Estimate Cost:	1000000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
	Culvert		8	5.50	2.00	1.05	92.40		
	Basic Rate	130.00					**92.40**	265.40	**24523.00**
	AD-HOC @ 11% of PWD SR 2016-17	14.30							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
		250.38							
	Area Weightage @ 6%	15.02							
	Total	**265.40**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.13, Item No. 4.3 of PWD SR 2018-19**	Cum							
	Bottom Concrete		8	5.50	2.00	0.15	13.20		
	Basic Rate	5102.00					**13.20**	5408.12	**71387.00**
	Area Weightage @ 6%	306.12							
	Total	**5408.12**							
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6, stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **Page No. 25 / Item No. 5.6, PWD SR 2018-19**	Cum							
			8x2	5.50	0.60	0.90	47.52		
	Basic Rate	4596.00					**47.52**	4871.76	**231506.00**
	Area Weightage @ 6%	275.76							
	Total	**4871.76**							
4	KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications **Page No. 115 / Item No. 15.2, PWD SR 2018-19**	Sqm							
			8x2	5.50		0.90	79.20		
	Basic Rate	140.00					**79.20**	148.40	**11753.00**

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Area Weightage @ 6%	8.40							
	Total	**148.40**							
5	K.S.R.B 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.13, Item No. 4.6 PWD SR 2018-19**	Cum							
	Pointing		8	5.50	1.80	0.10	7.92		
	Ramp		8x2	5.50	0.90	0.15	11.88		
	Basic Rate	5422.00					**19.80**	5747.32	**113797.00**
	Area Weightage @ 6%	325.32							
	Total	**5747.32**							
6	Providing **precast slab of 250mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - Data rate	Sqm							
			8	5.50	1.80		79.20		
							79.20	5418.00	**429106.00**
	Sub Total								**882072.00**
	GST @ 12%								**105849.00**
	Miscellaneous and other Charges	L/S							**12079.00**
								Total	**1000000.00**
	(Rupees Ten thousand only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2018-19
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Sanction for Rs. 10.00 lakhs
Ten lakhs only
is accorded under head P-1771 - 2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/AA/43/18-19 Dt. 25-2-19

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten lakhs only
Under P-1771-2018-19
Registered as CE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt..... Estimate A/ Sanctioned
CE-E/TS/67/18-19 No.....
Dated 25-2-19 Rs. 10.00 lakhs

Executive Engineer

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU

150 - YELAHANKA

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VILLAGE BOUNDARY
QUARRY
CENTRAL RESERVE POLICE FORCE
VILLAGE BOUNDARY
VILLAGE BOUNDARY
ANJANAPURA
DUO MARVEL LAYOUT
NISARGA LAYOUT
MAHALAXMI LAYOUT
RAMANASHREE CALIFORNIA GARDEN LAYOUT
VINAYAKA LAYOUT
ATTURU KERE
PUTTANAHALLI KERE
SWD/DRAIN
BUS DEPOT
PUTTANAHALLI
KHB ROAD
MAIN RD
Outer Rd
WHEEL & AXLE PLANT
EX CMC WARD BND
ATTURU
4TH MAIN
MUNESWARA LAYOUT
YELAHANKA 1 & 3 STAGE
GODAMN LAPPA RD
YELAHANKA NEW TOWN
VEERABAGE KERE
VILLAGE BOUNDARY
TIRUMALA NAGARA
ATTURU LAYOUT
208- SFS COLONY
YESHWANTPURA ROAD
YELAHANKA
SR VILLAGE BOUNDARY
SR MUNESHWARA LAYOUT
HARIRAJU LAYOUT
BETTAHALLI
WABERAHALLI KERE
3RD PHASE
SAJJAGAR PHASE I
QUARRY
BETTAHALLI QUARRY
YESHWANTPURA ROAD
GKVK CAMPUS
VILLAGE BOUNDARY
BEST COUNTY 3
NETHRAVATHI LAYOUT
BASAVALINGAPPA LAYOUT
AMS LAYOUT
AMS LAYOUT
VILLAGE BOUNDARY
HILL SIDE MEDOWS
LAKE ROAD
CROSS ROAD
BHARATHNAGAR MC PALYA
MAIN ROAD
MC PALYA
YOYARANAPALYA
GOVINDAPPA LAYOUT
MCPALYA CIRCLE

NOTIFICATION NO. UDD 59 MLR 2009. DATE: 15.07.09

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